

AMENDMENTS TO THE CLAIMS

The listing of claims replaces all prior versions and listings of claims. Only those claims being amended herein show changes in highlighted form, where insertions appear as underlined text (e.g., insertions) while deletions appear as strikethrough text or brackets (e.g., ~~deletions~~ or ~~[[deletions]]~~). Accordingly, please amend Claims 17, 19, 20, 23, 24, 26, 27, 29 and 32, and add new Claims 58-66 as follows:

1-16. (Cancelled)

17. (Currently Amended) A device ~~useful for~~ dispensing a liquid comprising:

a plurality of needles that are bent or curved at or near, ~~said needles each including~~ a sharpened end thereof;

a base ~~including bores~~ in which the needles are ~~at least partially inserted and~~ fixedly connected with said sharpened end ends extends extending outwardly generally downwardly therefrom,

a cap ~~sealingly mounted connected~~ to the base and forming a cavity plenum space ~~with between the cap and the base, the plenum space, the cavity plenum space thereby creating passageway being~~ in fluid communication with the needles.

18. (Previously Presented) A device in accordance with claim 17, wherein said plurality of needles are distributed radially around a central axis.

19. (Currently Amended) A device according to claim ~~[[18]]~~17, wherein each of said needles ~~include~~ includes a first bend proximate ~~[[the]]~~ a point ~~at which each where that~~ needle extends ~~out of from~~ the base.

20. (Currently Amended) A device in accordance with claim 19, wherein each of said needles ~~include~~ includes a second bend proximate ~~their~~ its sharpened end.

21. (Previously Presented) A device in accordance with claim 17, wherein the needle ends extend outwardly from the base a distance between about 0.5 mm and about 3.0 mm.

22. (Previously Presented) A device in accordance with claim 20, wherein said second bend is generally between 1 degree and 25 degrees.

23. (Currently Amended) A device in accordance with claim 22, wherein the bent portion of the needle is a curve in the direction of penetration.

24. (Currently Amended) A device according to claim 17, wherein the needle ends are bent generally at a 90 degree angle.

25. (Previously Presented) A device in accordance with claim 17, wherein the needles are dimensioned to penetrate skin to a depth that goes beyond the superficial vascular plexus, but not as deep as the deep vascular plexus.

26. (Currently Amended) A device for infusing a liquid, comprising:

a hub ~~dimensioned to be positioned against the skin and a passage in the hub; and~~
a plurality of needles extending from the hub and in fluid communication with the passage in the hub, the needles being dimensioned to penetrate the skin to a depth that goes beyond the superficial vascular plexus, but not as deep as the deep vascular plexus ~~bent or curved at or near an end thereof; and~~

~~a connecting tube attached to the hub, the connecting tube being in fluid communication with the plurality of needles.~~

27. (Currently Amended) The device of claim 26, further comprising ~~[[:]]~~ a connecting tube attached to the hub and an infusion device in fluid communication with the connecting tube, the connecting tube being in fluid communication with the plurality of needles.

28. (Previously Presented) The device of claim 27, wherein the infusion device is a pump.

29. (Currently Amended) The device of claim 27, wherein the hub comprises:

a base in which the needles are received; and
a cap mounted to the base, ~~wherein a fluid chamber is the passage being formed between the base and the cap, and wherein the plurality of needles are in fluid communication with the fluid chamber, and wherein the connecting tube is in fluid communication with the fluid chamber.~~

30. (Previously Presented) The device of claim 27, wherein the needles are arranged in an array.

31. (Previously Presented) The device of claim 26, wherein the needles extend beyond the base a distance dimensioned to form an interstitial pocket in the skin.

32. (Currently Amended) The device of claim 26, wherein the needle extend into the skin a distance between generally 0.5 mm to ~~[[4.0]]~~ 3.0 mm from the hub.

33.-57. (Cancelled)

58. (New) The device of Claim 17, wherein the needles form pockets upon insertion.

59. (New) The device of Claim 17, wherein the needles include a first bend near the sharpened end.

60. (New) The device of Claim 59, wherein the first bend is at the sharpened end.

61. (New) The device of Claim 59, wherein the first bend is spaced from the sharpened end.

62. (New) The device of Claim 17, wherein the needles and the base are integrally formed.

63. (New) The device of Claim 17, wherein the base is configured to for placement on the skin.

64. (New) The device of Claim 17, wherein each of the plurality of needles has a diameter between about 0.005 and about 0.030 inches.

65. (New) The device of Claim 26, wherein the hub is dimensioned to be positioned against the skin.

66. (New) The device of Claim 26, wherein each of the plurality of needles are bent at a location exterior to the hub.